

Brunovskis

1632

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/280,567

DATE: 02/14/2000  
TIME: 12:52:28

Input Set: I280567.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

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1 <110> APPLICANT: BUMOL, Thomas Frank  
2 DOU, Shenshen  
3 GLASEBROOK, Andrew Lawrence  
4 GOULD, Kenneth Elliot  
5 HALE, John Edward  
6 HEUER, Josef Georg  
7 HUI, Kwan Yuk  
8 KHARITONENKOV, Alexei  
9 MIZRAHI, Jacques  
10 NA, Songqing  
11 NOBLITT, Timothy Wayne  
12 REIDY, Charles Arthur  
13 SONG, Ho Yeong  
14 WANG, Jian  
15 WU, Xiyang  
16 ZUCKERMAN, Steven Harold  
17 <120> TITLE OF INVENTION: THERAPEUTIC APPLICATIONS OF mFLINT POLYPEPTIDES  
18 <130> FILE REFERENCE: 040902/0136  
19 <140> CURRENT APPLICATION NUMBER: US/09/280,567  
20 <141> CURRENT FILING DATE: 1999-03-30  
21 <150> EARLIER APPLICATION NUMBER: US 60/113,407  
22 <151> EARLIER FILING DATE: 1998-12-22  
23 <150> EARLIER APPLICATION NUMBER: US 60/112,933  
24 <151> EARLIER FILING DATE: 1998-12-18  
25 <150> EARLIER APPLICATION NUMBER: US 60/112,703  
26 <151> EARLIER FILING DATE: 1998-12-18  
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30 <151> EARLIER FILING DATE: 1998-09-09  
31 <150> EARLIER APPLICATION NUMBER: US 60/086,074  
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33 <150> EARLIER APPLICATION NUMBER: US 60/079,856  
34 <151> EARLIER FILING DATE: 1998-03-30  
35 <160> NUMBER OF SEQ ID NOS: 13  
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41 <220> FEATURE:  
42 <221> NAME/KEY: CDS  
43 <222> LOCATION: (1)..(900)  
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46	Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu	
47	1 5 10 15	
48	gcg ctg cct gcc ctg ctg ccg gtg ccg gct gta cgc gga gtg gca gaa	96
49	Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu	
50	20 25 30	
51	aca ccc acc tac ccc tgg cgg gac gca gag aca ggg gag cgg ctg gtg	144
52	Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val	
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55	Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg	
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58	Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln	
59	65 70 75 80	
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61	Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly	
62	85 90 95	
63	gag cgt gag gag gag gca cgg gct tgc cac gcc acc cac aac cgt gcc	336
64	Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala	
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67	Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu	
68	115 120 125	
69	cac gca tgc tgt cca cct ggt gcc ggc gtg att gcc ccg ggc acc ccc	432
70	His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro	
71	130 135 140	
72	agc cag aac acg cag tgc cag ccg tgc ccc cca ggc acc ttc tca gcc	480
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76	Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala	
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79	Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu	
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81	tgc acc agc tgc act ggc ttc ccc ctc agc acc agg gta cca gga gct	624
82	Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala	
83	195 200 205	
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86	210 215 220	
87	tcc atc aag agg ctg cag cgg ctg ctg cag gcc ctc gag gcc ccg gag	720
88	Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu	
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90	ggc tgg ggt ccg aca cca agg gcg ggc cgc gcg gcc ttg cag ctg aac	768
91	Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys	
92	245 250 255	
93	ctg cgt cgg cgg ctc acg gag ctc ctg ggg gcg cag gac ggg gcg ctg	816
94	Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu	

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96      ctg gtg cgg ctg ctg cag gcg ctg cgc gtg gcc agg atg ccc ggg ctg      864
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112         35          40          45
113     Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
114         50          55          60
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116         65          70          75          80
117     Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
118         85          90          95
119     Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
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122         115         120         125
123     His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
124         130         135         140
125     Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
126         145         150         155         160
127     Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
128         165         170         175
129     Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
130         180         185         190
131     Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
132         195         200         205
133     Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
134         210         215         220
135     Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
136         225         230         235         240
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143     Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
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RAW SEQUENCE LISTING  
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157 Ser Leu Leu Cys Leu Val Leu Ala Leu Pro Ala Leu Leu Pro Val Pro
158 10 15 20 25
159 gct gta cgc gga gtg gca gaa aca ccc acc tac ccc tgg cgg gac gca 147
160 Ala Val Arg Gly Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala
161 30 35 40
162 gag aca ggg gag cgg ctg gtg tgc gcc cag tgc ccc cca ggc acc ttt 195
163 Glu Thr Gly Glu Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe
164 45 50 55
165 gtg cag cgg ccg tgc cgc cga gac agc ccc acg acg tgt ggc ccg tgt 243
166 Val Gln Arg Pro Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys
167 60 65 70
168 cca ccg cgc cac tac acg cag ttc tgg aac tac ctg gag cgc tgc cgc 291
169 Pro Pro Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg
170 75 80 85
171 tac tgc aac gtc ctc tgc ggg gag cgt gag gag gag gca cgg gct tgc 339
172 Tyr Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys
173 90 95 100 105
174 cac gcc acc cac aac cgt gcc tgc cgc tgc cgc acc ggc ttc ttc gcg 387
175 His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala
176 110 115 120
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178 His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly
179 125 130 135
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181 Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys
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198      cag gcc ctc gag gcc ccg gag ggc tgg gct ccg aca cca agg gcg ggc      771
199      Gln Ala Leu Glu Ala Pro Glu Gly Trp Ala Pro Thr Pro Arg Ala Gly
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201      cgc gcg gcc ttg cag ctg aag ctg cgt cgg cgg ctc acg gag ctc ctg      819
202      Arg Ala Ala Leu Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu
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204      ggg gcg cag gac ggg gcg ctg ctg gtg cgg ctg ctg cag gcg ctg cgc      867
205      Gly Ala Gln Asp Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg
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208      Val Ala Arg Met Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu
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211      Pro Val His
212              300
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214      <211> LENGTH: 300
215      <212> TYPE: PRT
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221              20              25              30
222      Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
223              35              40              45
224      Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
225              50              55              60
226      Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
227              65              70              75              80
228      Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
229              85              90              95
230      Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
231              100              105              110
232      Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
233              115              120              125
234      His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
235              130              135              140
236      Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
237              145              150              155              160
238      Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
239              165              170              175
240      Leu Gly Leu Ala Leu Ile Val Pro Gly Ser Ser Ser His Asp Thr Leu
241              180              185              190
242      Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
243              195              200              205
244      Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile

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**VERIFICATION SUMMARY**  
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